

CLAIM SUMMARY DOCUMENT

1. (Previously Presented) A package for an optical detector comprising:
a plastic window portion of the housing; and
a protective coating on the window portion permitting transmission of light of a wavelength of around 400 nanometers through the window portion without conversion while protecting the window portion from deterioration by ozone which is produced by the light of a wavelength of around 400 nanometers.
2. (Original) The package of Claim 1, wherein the plastic window is clear epoxy mold compound.
3. (Original) The package of Claim 1, wherein the protective coating is one of silicone oxide and aluminum nitrate.
4. (Original) The package of Claim 1, wherein the protective coating has a thickness in the range of $\frac{1}{4}$ to $\frac{1}{2}$ of the wavelength of the light.
5. (Original) The package of Claim 1, including an optical detector in the package.
6. (Original) The package of Claim 5, wherein the package and optical detector are an optical reader in an optical storage system.
7. (Original) The package of Claim 1, wherein the light is in the range of around 400 to 780 nanometers.
8. (Previously Presented) A package for an optical detector comprising:
a plastic window portion of the housing; and
means on the window portion permitting transmission of light of a wavelength of around 400 nanometers through the window portion without conversion while protecting the window portion from deterioration by ozone which is produced by the light of a wavelength of around 400 nanometers.
9. (Original) The package of Claim 8, wherein the plastic window is clear epoxy molding compound.

10. (Original) The package of Claim 8, wherein the means is one of silicon oxide and aluminum nitrate.

11. (Original) The package of Claim 8, wherein the means has a thickness in the range of $\frac{1}{4}$ to $\frac{1}{2}$ of the wavelength of the light.

12. (Original) The package of Claim 8, including an optical detector in the package.

13. (Original) The package of Claim 12, wherein the package and optical detector are an optical reader in an optical storage system.

14. (Original) The package of Claim 8, wherein the light is in the range of around 400 to 780 nanometers.

15. (Previously Presented) An integrated circuit comprising:
a semiconductor chip including a light sensitive device;
a transparent plastic layer over the light sensitive device; and
a protective coating on the plastic layer selected from silicon oxide and aluminum nitrate which permits transmission of light without conversion.

16. (Previously Presented) The integrated circuit of Claim 15, wherein the protective coating has a thickness in the range of $\frac{1}{4}$ to $\frac{1}{2}$ of the wavelength of the light to be received.

17. (Previously Presented) The integrated circuit of Claim 15, wherein the light sensitive device is an optical detector in a package.

18. (Previously Presented) The integrated circuit of Claim 18, wherein the package and optical detector are an optical reader in an optical storage system.

19. (Previously Presented) The integrated circuit of Claim 15, wherein the light to be received is in the range of around 400 to 780 nanometers.

20. (Previously Presented) A package for an optical detector comprising:
a plastic window portion of the housing; and
a protective coating on the window portion permitting transmission of light of a wavelength of around 400 nanometers through the window portion without conversion while protecting the window portion from deterioration.
21. (New) The package of Claim 20, including an optical detector in the package.
22. (New) The package of Claim 21, wherein the package and optical detector are an optical reader in an optical storage system.